Engine (ignition) switch

Performing the following operations when carrying the electronic key on your person starts the engine or changes engine switch modes.

Starting the engine

1. Check that the parking brake is set.
2. Check that the shift lever is set in P.
3. Firmly depress the brake pedal.

 will be displayed on the multi-information display.

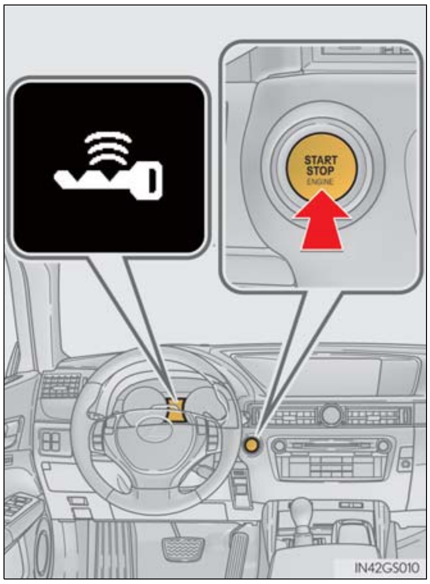
If it is not displayed, the engine cannot be started.

4. Press the engine switch.

The engine will crank until it starts or for up to 30 seconds, whichever is less.

Continue depressing the brake pedal until the engine is completely started.

The engine can be started from any engine switch mode.



Stopping the engine

1 Stop the vehicle.

2 Shift the shift lever to P.

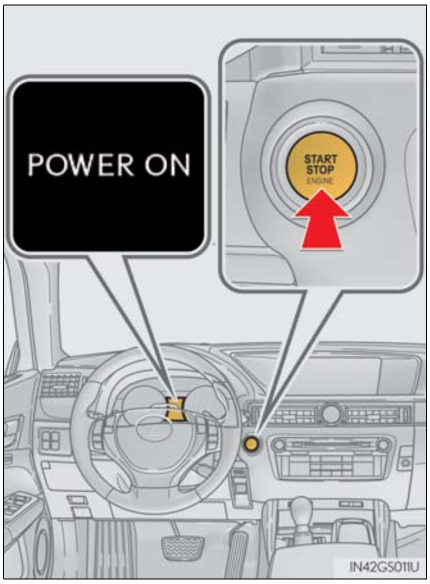
3 Set the parking brake. (→P. 186)

4 Press the engine switch.

5 Release the brake pedal and check that "POWER ON" on the multi-information display is off.

Changing engine switch modes

Modes can be changed by pressing the engine switch with brake pedal released. (The mode changes each time the switch is pressed.)



Off*

The emergency flashers can be used.

The multi-information display will not be displayed.

ACCESSORY mode

Some electrical components such as the audio system can be used.

"POWER ON" will be displayed on the multi-information display.

IGNITION ON mode

All electrical components can be used.

"POWER ON" will be displayed on the multi-information display.

*: If the shift lever is in a position other than P when turning off the engine, the engine switch will be turned to ACCESSORY mode, not to off.

When stopping the engine with the shift lever in a position other than P

If the engine is stopped with the shift lever in a position other than P, the engine switch will not be turned off but instead be turned to ACCESSORY mode. Perform the following procedure to turn the switch off:

1. Check that the parking brake is set.
2. Shift the shift lever to P.
3. Check that "POWER ON" and "Turn Power OFF" are displayed alternately on the multi-information display and then press the engine switch once.
4. Check that "POWER ON" and "Turn Power OFF" on the multi-information display are off.

■ **Auto power off function**

If the vehicle is left in ACCESSORY mode for more than 20 minutes or IGNITION ON mode (the engine is not running) for more than an hour with the shift lever in P, the engine switch will automatically turn off. However, this function cannot entirely prevent battery discharge. Do not leave the vehicle with the engine switch in ACCESSORY or IGNITION ON mode for long periods of time when the engine is not running.

■ **Electronic key battery depletion**

→P. 112

■ **Conditions affecting operation**

→P. 108

■ **Notes for the entry function**

→P. 109

■ **If the engine does not start**

- The engine immobilizer system may not have been deactivated. (→P. 68) Contact your Lexus dealer.
- Check that the shift lever is securely set in P. The engine may not start if the shift lever is displaced out of P. “Shift to P position to Start” will be displayed on the multi-information display.

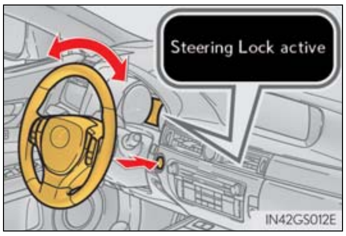
■ **Steering lock**

After turning the engine switch off and opening and closing the doors, the steering wheel will be locked due to the steering lock function. Operating the engine switch again automatically cancels the steering lock.

■ **When the steering lock cannot be released**

"Steering Lock active" will be displayed on the multi-information display.

Check that the shift lever is set in P. Press the engine switch while turning the steering wheel left and right.



■ **Steering lock motor overheating prevention**

To prevent the steering lock motor from overheating, the motor may be suspended if the engine is turned on and off repeatedly in a short period of time. In this case, refrain from operating the engine. After about 10 seconds, the steering lock motor will resume functioning.

■ **When "Check Access System with Elec. Key" will be displayed on the multi-information display**

The system may be malfunctioning. Have the vehicle inspected by your Lexus dealer immediately.

■ **If the electronic key battery is depleted**

→P. 646

■ **Operation of the engine switch**

● When operating the engine switch, one short, firm press is enough. If the switch is pressed improperly, the engine may not start or the engine switch mode may not change. It is not necessary to press and hold the switch.

● If attempting to restart the engine immediately after turning the engine switch off, the engine may not start in some cases. After turning the engine switch off, please wait a few seconds before restarting the engine.

■ **If the smart access system with push-button start has been deactivated in a customized setting**

→P. 740

CAUTION

■ **When starting the engine**

Always start the engine while sitting in the driver's seat. Do not depress the accelerator pedal while starting the engine under any circumstances.
Doing so may cause an accident resulting in death or serious injury.

■ **Caution while driving**

If engine failure occurs while the vehicle is moving, do not lock or open the doors until the vehicle reaches a safe and complete stop. Activation of the steering lock in this circumstance may lead to an accident, resulting in death or serious injury.

■ **Stopping the engine in an emergency**

If you want to stop the engine in an emergency while driving the vehicle, press and hold the engine switch for more than 2 seconds, or press it briefly 3 times or more in succession. (→P. 677)

However, do not touch the engine switch while driving except in an emergency. Turning the engine off while driving will not cause loss of steering or braking control, but the power assist to these systems will be lost. This will make it more difficult to steer and brake, so you should pull over and stop the vehicle as soon as it is safe to do so.

NOTICE

■ **To prevent battery discharge**

- Do not leave the engine switch in ACCESSORY or IGNITION ON mode for long periods of time without the engine running.
- If “POWER ON” is displayed on the multi-information display, the engine switch is not off. Exit the vehicle after turning the engine switch off.
- Do not stop the engine when the shift lever is in a position other than P. If the engine is stopped in another shift lever position, the engine switch will not be turned off but instead be turned to ACCESSORY mode. If the vehicle is left in ACCESSORY mode, battery discharge may occur.

■ **When starting the engine**

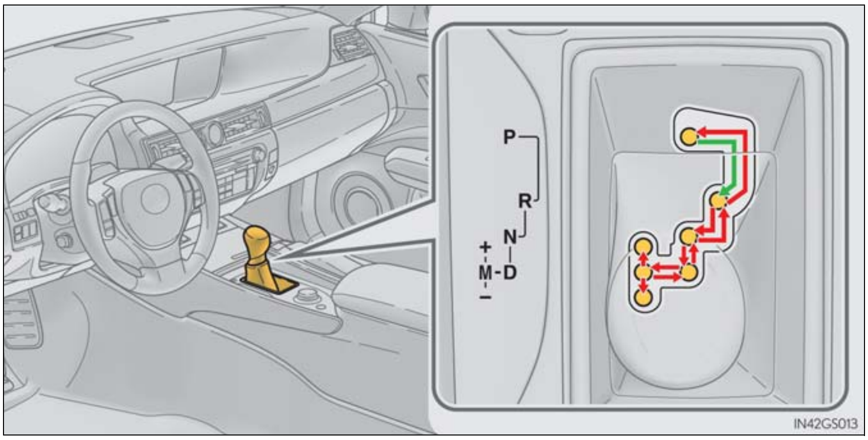
- Do not race a cold engine.
- If the engine becomes difficult to start or stalls frequently, have your vehicle checked by your Lexus dealer immediately.

■ **Symptoms indicating a malfunction with the engine switch**

If the engine switch seems to be operating somewhat differently than usual, such as the switch sticking slightly, there may be a malfunction. Contact your Lexus dealer immediately.

Automatic transmission

Shifting the shift lever



While the engine switch is in IGNITION ON mode, move the shift lever with the brake pedal depressed.

When shifting the shift lever between P and D, make sure that the vehicle is completely stopped.

Shift position purpose

Shift position	Objective or function
P	Parking the vehicle/starting the engine
R	Reversing
N	Neutral
D	Normal driving*1
M	M mode driving*2 (→P. 181)

*1: To improve fuel efficiency and reduce noises, set the shift lever in D for normal driving.

*2: Any gear range can be fixed when driving in M mode.

Selecting the driving mode

■ Sport mode/Eco drive mode

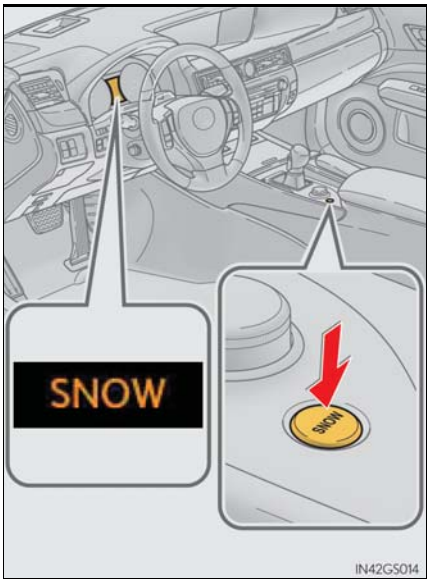
→P. 263

■ Snow mode

Snow mode can be selected to suit the conditions when driving on slippery road surfaces, such as on snow.

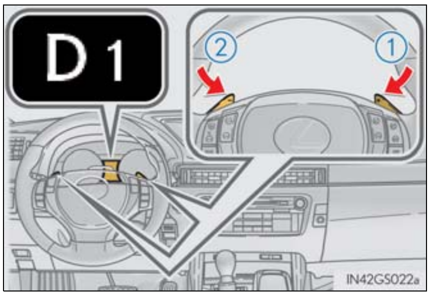
Press the switch.

Press the switch again to return to normal mode.



Selecting shift ranges in the D position

To drive using temporary shift range selection, operate the "-" paddle shift switch. The shift range can then be selected by operating the "-" and "+" paddle shift switches. Changing the shift range allows restriction of the highest gear, preventing unnecessary upshifting and enabling the level of engine braking force to be selected.



1. Upshifting
2. Downshifting

The selected shift range, from D1 to D5, will be displayed in the meter.

To return to normal D position driving, the "+" paddle shift switch must be held down for a period of time.

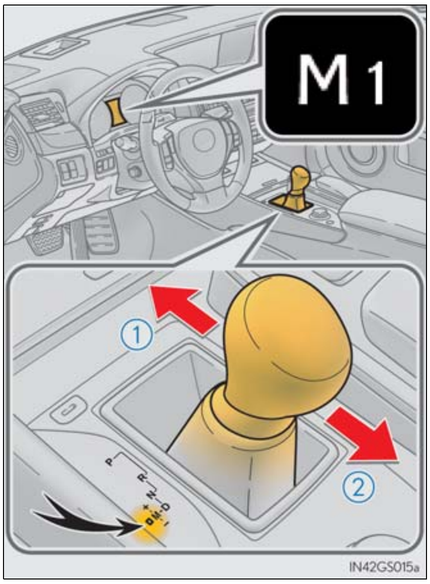
■ Shift ranges and their functions

Meter display	Function
D2 - D5	A gear in the range between 1 and the selected gear is automatically chosen depending on vehicle speed and driving conditions
D1	Setting the gear at 1

A lower shift range will provide greater engine braking forces than a higher shift range.

Selecting gears in the M position

To enter M mode, shift the shift lever to M. Gears can then be selected by operating the shift lever or paddle shift switches, allowing you to drive in the gear of your choosing.



1. Upshifting
2. Downshifting

The gear changes once every time the shift lever or paddle shift switch is operated.

The selected gear, from M1 to M6, will be fixed and displayed in the meter.

When in the M position, the gear will not change unless the shift lever or paddle shift switches are operated.

However, even when in the M position, the gears will be automatically changed in the following situation:

- When vehicle speed drops (downshift only).
- When the automatic transmission fluid or engine coolant temperature is low.
- When automatic transmission fluid temperature is high.
- When the needle of the tachometer is in the red zone (the range which exceeds the allowable revs of the engine).

In the following situations, the gear will not shift even if the shift lever or paddle shift switches are operated.

- "1st Gear not available due to slippery road surface" is displayed on the multi information display.
- The vehicle speed is low (upshift only).

■ When the "-" paddle shift switch is operated in the D position

A shift range will be automatically selected. The highest gear of the first shift range will be one gear lower than the gear in use during normal D position driving.

■ Automatic deactivation of shift range selection in the D position

Shift range selection in the D position will be deactivated in the following situations:

- When the vehicle comes to a stop
- If the "+" paddle shift switch is operated when the shift range is in 5
- If the accelerator pedal is depressed for more than a certain period of time
- When the shift lever is shifted to other than D

■ To protect automatic transmission

"Transmission Fluid High Temperature" is displayed on the multi-information display and a function is adopted that automatically selects a higher shift range when the fluid temperature is high. Have the vehicle inspected by your Lexus dealer.

■ Downshifting restrictions warning buzzer

To help ensure safety and driving performance, downshifting operation may sometimes be restricted. In some circumstances, downshifting may not be possible even when the shift lever or paddle shift switch is operated. (A buzzer will sound twice.)

■ Snow mode automatic deactivation

Snow mode is automatically deactivated if the engine switch is turned off after driving in snow mode.

■ If the shift lever cannot be shifted from P

→P. 737

AI-SHIFT

The AI-SHIFT automatically selects the suitable gear according to driver performance and driving conditions.

The AI-SHIFT automatically operates when the shift lever is in D. (Shifting the shift lever to the M position cancels the function.)

CAUTION

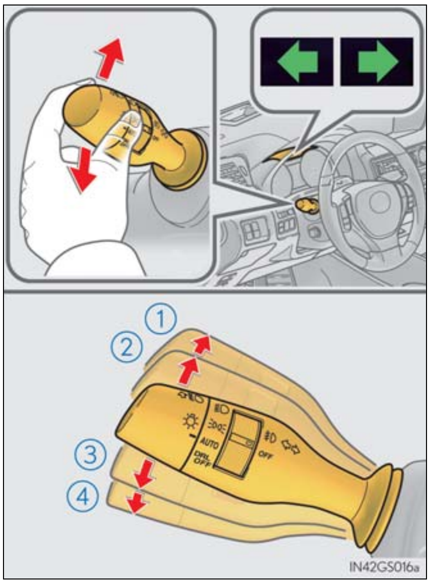
When driving on slippery road surfaces

Be careful of downshifting and sudden acceleration, as this could result in the vehicle skidding to the side or spinning.

Turn signal lever

Operating instructions

The lever will return to its original position after operation.



1. Right turn
2. Lane change to the right (move the lever partway and release it)

   The right hand signals will flash 3 times.
3. Lane change to the left (move the lever partway and release it)

   The left hand signals will flash 3 times.
4. Left turn

■ If the turn signals do not stop flashing after turning left or right, or if you want to stop them flashing

Operate the lever in the opposite direction to either position 2 or 3. If you move the lever to either position 1 or 4, the selected turn signals will flash.

■ Turn signals can be operated when

The engine switch is in IGNITION ON mode.

■ If the indicator flashes faster than usual

Check that a light bulb in the front or rear turn signal lights has not burned out.

■ If the turn signals stop flashing before a lane change has been performed

Operate the lever again.

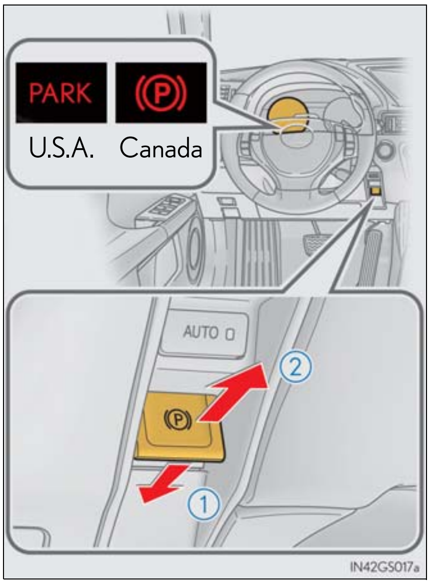
■ Customization

The number of times the turn signals flash during a lane change can be changed. (Customizable feature →P. 777)

Parking brake

A selections can be made as desired from the following modes.

Manual mode



① Sets the parking brake

The parking brake indicator light will come on. (→P. 187)

Press and hold the parking brake switch if an emergency occurs and it is necessary to operate the parking brake while driving.

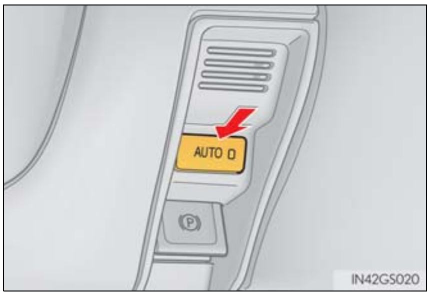
② Releases the parking brake

Operate the parking brake switch while depressing the brake pedal. Make sure that the parking brake indicator light goes off.

Automatic mode

The parking brake is set or released automatically according to shift lever operation.

Turns automatic mode on/off



- When the shift lever is moved out of P, the parking brake will be released.
- When the shift lever is moved into P, the parking brake will be set.

  Operate the shift lever with the brake pedal depressed.

Parking brake operation

- When the engine switch is not in IGNITION ON mode, the parking brake cannot be released using the parking brake switch.
- When the engine switch is not in IGNITION ON mode, automatic mode (automatic brake setting and releasing) is not available.
- If the parking brake is operated repeatedly over a short period of time, the system may restrict operation to prevent overheating. If this happens, refrain from operating the parking brake. Normal operation will return after about 1 minute.

Parking brake operation sound

When the parking brake operates, a motor sound (whirring sound) may be heard. This does not indicate a malfunction.

Parking brake indicator light

- Depending on the engine switch mode, the parking brake indicator light will come on and stay on as described below:

  IGNITION ON mode: Comes on until the parking brake is released.
  Not in IGNITION ON mode: Stays on for approximately 15 seconds.
- When the engine switch is turned off with the parking brake set, the parking brake indicator light will stay on for about 15 seconds. This does not indicate a malfunction.

■ When there is a malfunction in the system

Warning lights and/or warning message will turn on or flash. (→P. 688, 701)
Depending on the condition, the parking brake indicator light may flash.

■ Usage in winter time

→P. 299

⚠ NOTICE

■ When parking the vehicle

Before you leave the vehicle, set the parking brake, shift the shift lever to P and make sure that the vehicle does not move.

■ When the system malfunctions

Stop the vehicle in a safe place and check the warning messages.

■ When the parking brake cannot be released due to a malfunction

Use the parking brake release tool to manually release the parking brake. (→P. 738)
Driving the vehicle with the parking brake set will lead to brake components overheating, which may affect braking performance and increase brake wear.

Horn

To sound the horn, press on or close to the  mark.

